

Montana Comprehensive Assessment System (MontCAS)

Math Vocabulary Lists Spring 2011 MontCAS Criterion-Referenced Test

The following lists provide expected math vocabulary for grades 3-8 and 10 for the 2010-2011 administration of the math Criterion-Referenced Test (CRT). Any vocabulary word on a prior grade-level list may appear on later grade CRTs. The lists are by grade.

Grade 3

angle	meter
area	minute
array	month
bar graph	number sentence
base-ten blocks	odd
centimeter	ounce
centimeter ruler	parallelogram
certain	pattern
circle	perimeter
cone	pint
congruent	pound
cube	pyramid
cup	quart
cylinder	rectangle
day	rhombus
decimal	right angle
digit	scale
edge	side
equivalent	sphere
estimate	square
even	symmetry
face	tenths
feet	thermometer
fraction	title
gallon	trapezoid
geoboard	triangle
gram	unlikely
hour	vertex
impossible	very likely
inch	week
kilogram	yard
kite	yard stick
liter	

Grade 4

cubic units
equation
estimate
fact family
factor
flip
grid
hexagon
hundredths
intersecting
key
kilometer
labels
least likely
line
line segment
mile
milliliter
millimeter
most likely
multiple
net

octagon
ordered pair
organized list
parallel
pattern
pentagon
perpendicular
pictograph
polygon
prism
product
second
slide
square units
tally chart
tangram
tree diagram
ton
total
turn
volume

Grade 5

acute
comparison questions
composite
compute
conclusion
constant rate
coordinates
coordinate grid
equilateral
fraction cards
input/output
interval
isosceles
line graph
line plot
mean (average)
median
mode
obtuse
place value

plotted
point
prime
quadrilateral
randomly
range
ray
rectangular
reflection (flip)
rotation (turn)
scalene
term
thousandths
three-dimensional
transformation
translated
translation (slide)
trend
triangular prism

Grade 6

associative property
circle graph
circumference
clockwise
commutative property
counterclockwise
diameter
distributive property
formula
histogram
horizontal axis
improper fraction
proper fraction
quotient
rotational symmetry
stem-and-leaf plot
symbol for approximate is \approx
vertical axis
vertices

Grade 7

box-and-whisker plot
cube (a number)
data
difference (of two values)
dimensions
doubling
image (in a transformation)
least common multiple
mass
miles per gallon
opposite corner of a figure
powers (exponents)
probability
profit
ramp incline
random sample
regular polygon
savings account
scale on a graph
sector
similar (mathematically similar)
solution
speed
square root symbol
survey
tip (left with payment for a bill)

Grade 8

altitude (of a triangle)
central angle
commission
cost per unit
degrees (Fahrenheit and Celsius)
diagonal (of a polygon)
equally likely (events)
equation of a line
formula
frequency chart (table)
intercepts: x -intercept; y -intercept
linear relationship
line of best fit (on a scatter plot)
midpoint
number sequence
origin (on a coordinate grid)
prime factorization
proportion
quadrant (on a coordinate grid)
quartile
radius
rule for a pattern
scatter plot
simplify an expression
solid
value of an expression

Grade 10

acre	natural numbers
adjacent angles	non-linear
arc	outlier
complementary angles	parallel symbol
congruence symbol \cong	plane
counterexample	rational numbers
correlate	real numbers
decreasing	semicircle
dilation	slope
equiangular	supplementary angles
expected value	system of equations
function	system of inequalities
hypotenuse	theorem
increasing	transversal
integers	whole numbers
irrational numbers	